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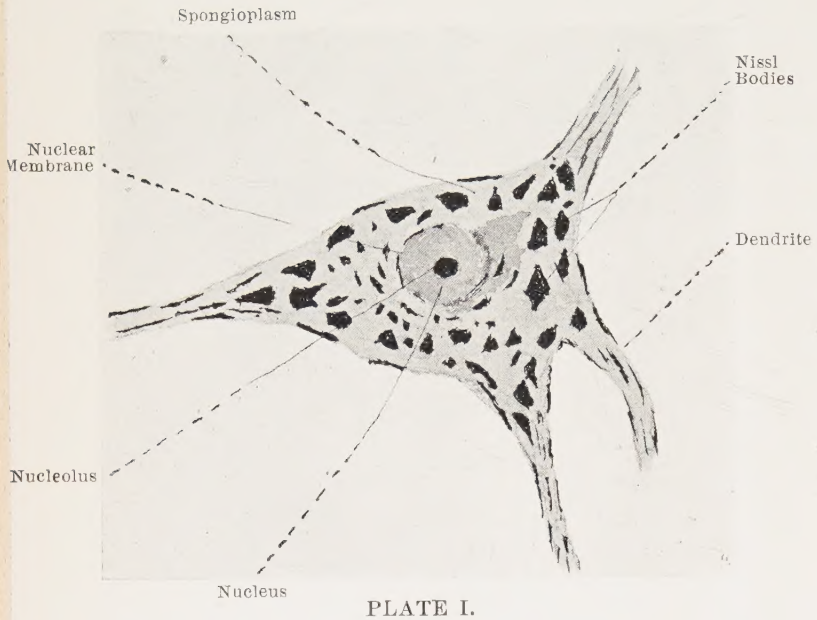

PLATE I.

PLATE II.

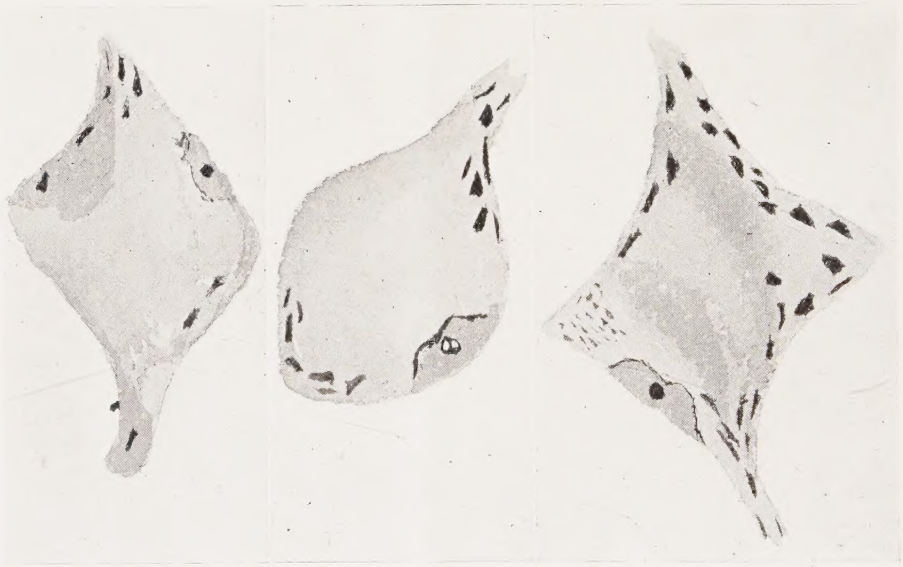

PLATE III.

PLATE I. Normal motor cell from the nucleus of the hypoglossus.

PLATE II. 1, motor cell; 2, sensory cell from the same section, to show that the cells of the anterior horns are normal, while the cells of the posterior horns are degenerated. 2 shows total absence of nucleus and nucleolus—perinuclear, chromatolysis, cell body swollen and unevenly stained, absence of dendrites.

PLATE III. Degenerated cells from Clark's column and the posterior horns in the dorsal region. 1, migration of the nucleus, central and peripheral chromatolysis, irregularity of staining; 2, irregular outline of perinuclear membrane, vacuolization of nucleolus, central chromatolysis, migration of nucleus, indefinite nuclear limitation; 3, irregular nuclear membrane, migration of nucleus, unequal staining.

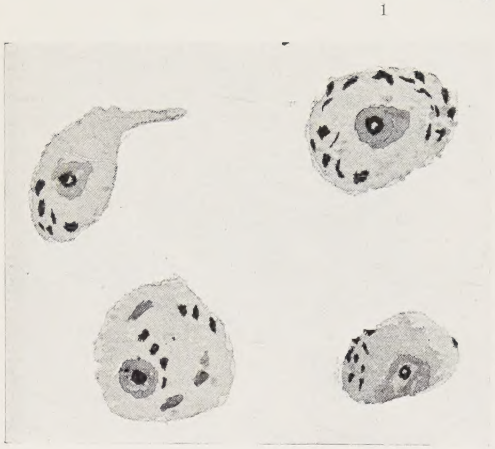

PLATE IV.

PLATE V.

PLATE VI.

PLATE VII.

PLATE IV. Group of degenerated nerve cell from Clark's column in the upper dorsal region, showing various types of chromatolyzation. 1, peripheral and central; 4, perinuclear; 1, 3, 4, vacuolization.

PLATE V. Group of degenerated cells from the cervical region to demonstrate the fact that the amount of exudation bears no relation to the degree of ganglion degeneration. In this region, the exudate was scarcely perceptible, yet these cells show typical forms of degeneration.

PLATE VI. Sensory cells from Clark's column, showing emigration of the nucleus and chromatolysis. 3, swollen and irregular dendrites.

PLATE VII. Normal sensory cell from Clark's column.